*Fig. 1*

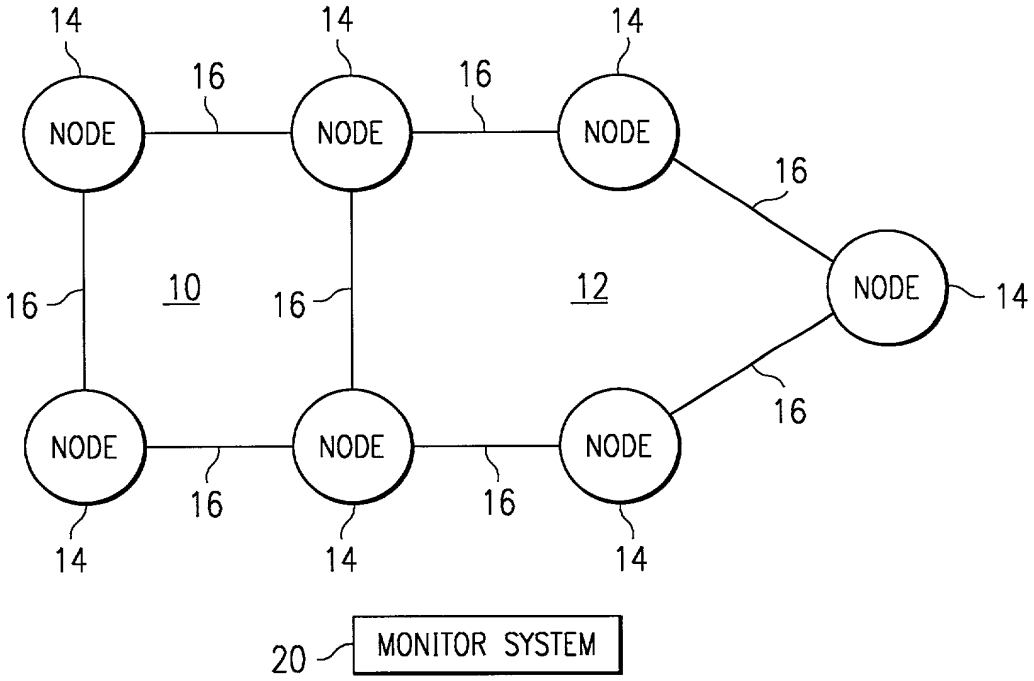
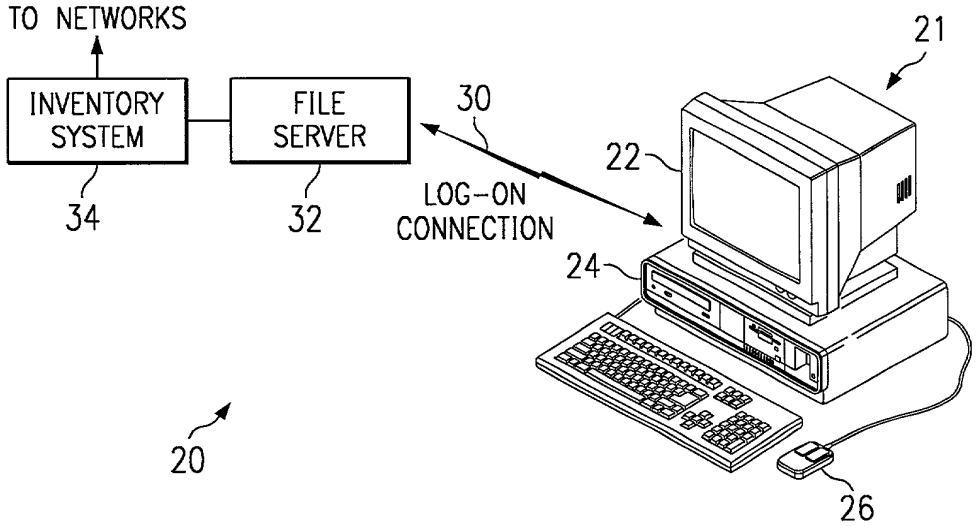

14
16
NODE
10
12
20
MONITOR SYSTEM

*Fig. 2*


TO NETWORKS
INVENTORY SYSTEM
FILE SERVER
30
LOG-ON CONNECTION
21
22
24
26
34
32
20

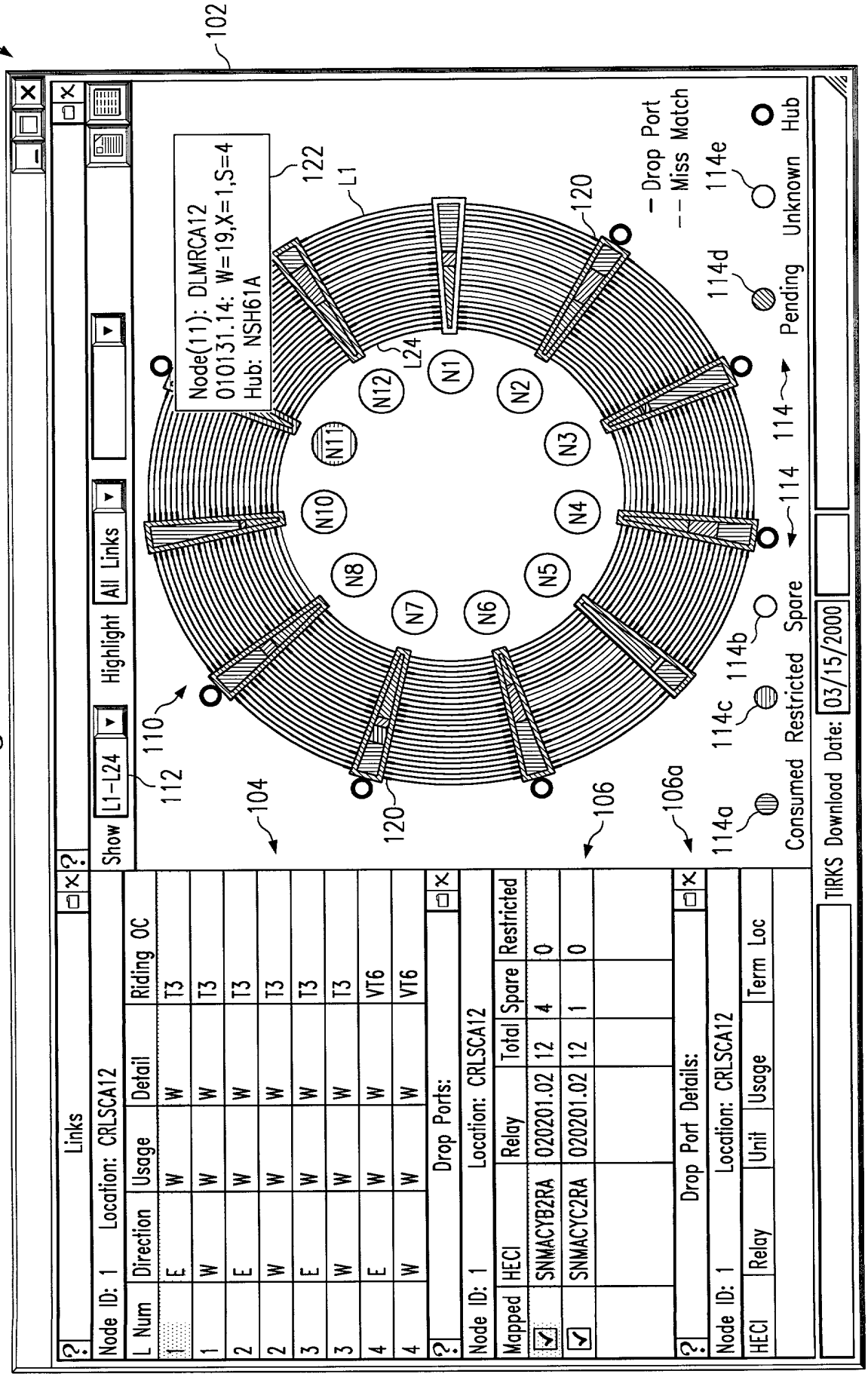

100
102
Links
Node ID: 1 Location: CRLSCA12
Show L1-L24 Highlight All Links
L Num | Direction | Usage | Detail | Riding OC
1 | E | W | W | T3
1 | W | W | W | T3
2 | E | W | W | T3
2 | W | W | W | T3
3 | E | W | W | T3
3 | W | W | W | T3
4 | E | W | W | VT6
4 | W | W | W | VT6
Drop Ports:
Node ID: 1 Location: CRLSCA12
Mapped | HECI | Relay | Total | Spare | Restricted
SNMACYB2RA | 020201.02 | 12 | 4 | 0
SNMACYC2RA | 020201.02 | 12 | 1 | 0
Drop Port Details:
Node ID: 1 Location: CRLSCA12
HECI | Relay | Unit | Usage | Term Loc
Node(11): DLMRCA12
010131.14: W=19,X=1,S=4
Hub: NSH61A
110
112
104
106
106a
120
122
L1
L24
N1
N2
N3
N4
N5
N6
N7
N8
N10
N11
N12
114
114a
114b
114c
114d
114e
Consumed
Restricted
Spare
Pending
Unknown
Hub
Drop Port
Miss Match
TIRKS Download Date: 03/15/2000

*Fig. 3*

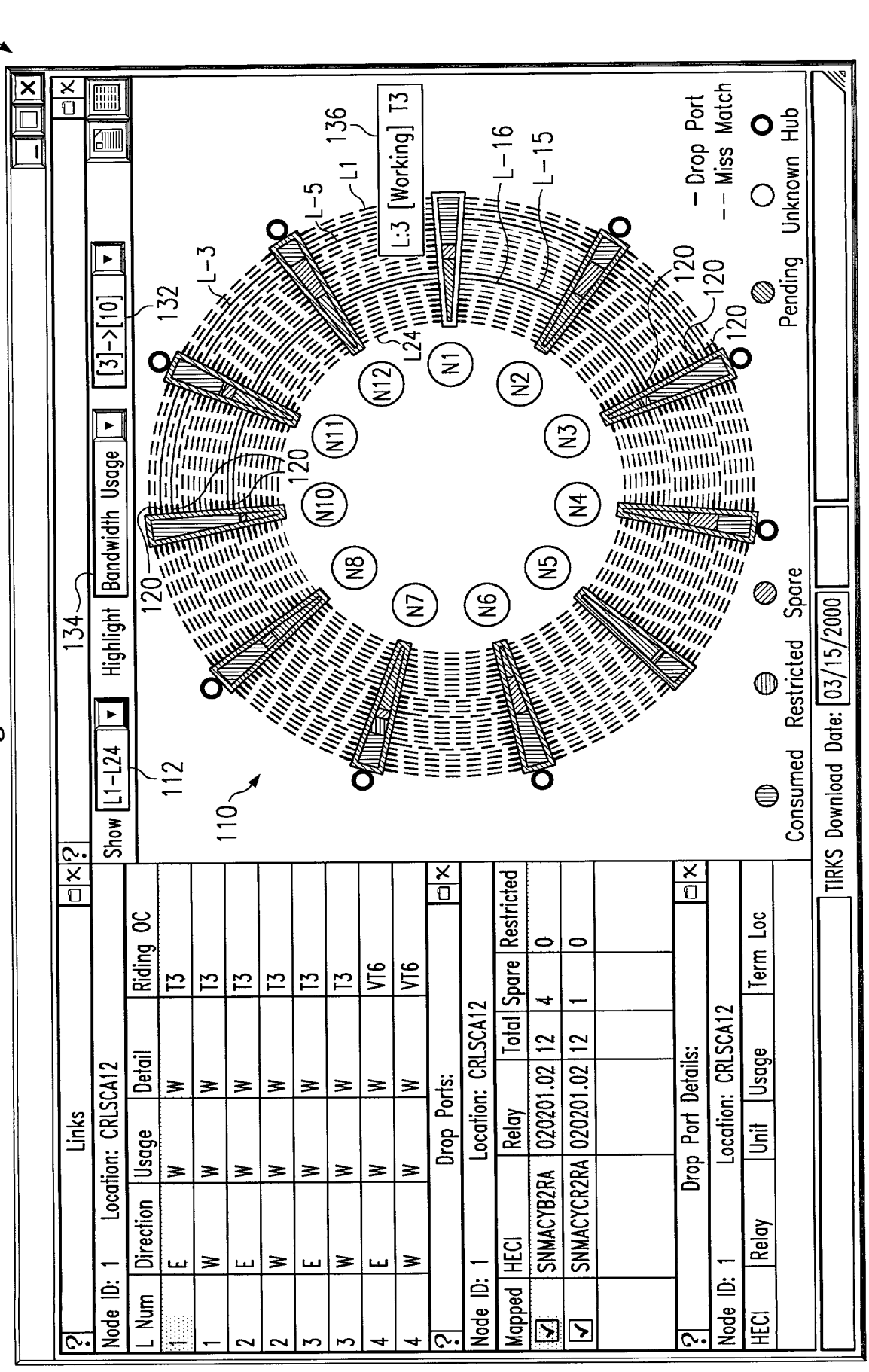
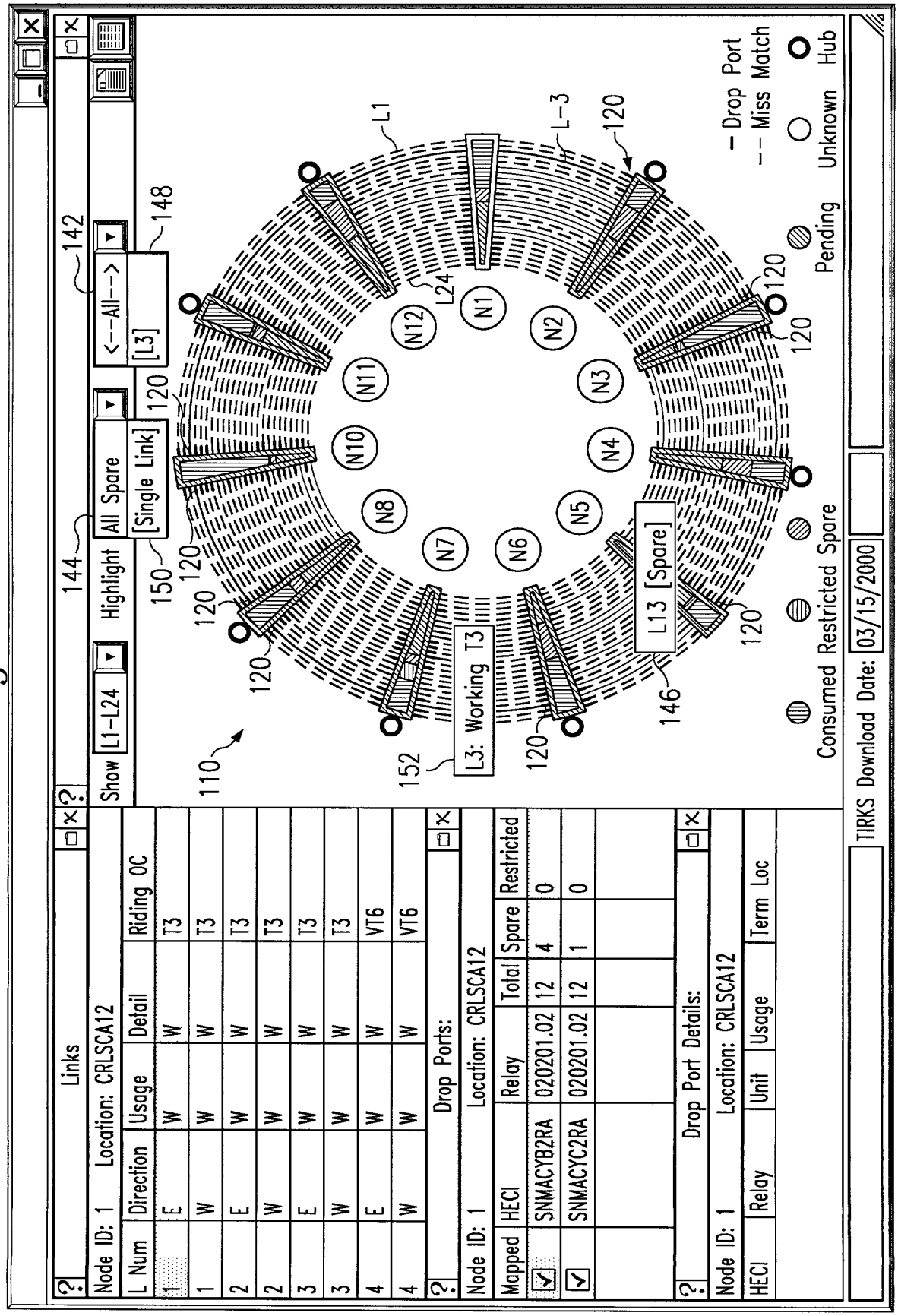

130
Links
Node ID: 1 Location: CRLSCA12
L Num | Direction | Usage | Detail | Riding OC
1 | E | W | W | T3
1 | W | W | W | T3
2 | E | W | W | T3
2 | W | W | W | T3
3 | E | W | W | T3
3 | W | W | W | T3
4 | E | W | W | VT6
4 | W | W | W | VT6
Drop Ports:
Node ID: 1 Location: CRLSCA12
Mapped | HECI | Relay | Total | Spare | Restricted
SNMACYB2RA | 020201.02 | 12 | 4 | 0
SNMACYCR2RA | 020201.02 | 12 | 1 | 0
Drop Port Details:
Node ID: 1 Location: CRLSCA12
HECI | Relay | Unit | Usage | Term Loc
Show L1-L24
Highlight Bandwidth Usage
[3]->[10]
110
112
120
132
134
136
L-3
L-5
L1
L:3 [Working] T3
L-16
L-15
L24
N1
N2
N3
N4
N5
N6
N7
N8
N10
N11
N12
Drop Port
Miss Match
Consumed
Restricted
Spare
Pending
Unknown
Hub
TIRKS Download Date: 03/15/2000

*Fig. 4*

Fig. 5


140
Links
Node ID: 1 Location: CRLSCA12
L Num | Direction | Usage | Detail | Riding OC
1 | E | W | W | T3
1 | W | W | W | T3
2 | E | W | W | T3
2 | W | W | W | T3
3 | E | W | W | T3
3 | W | W | W | T3
4 | E | W | W | VT6
4 | W | W | W | VT6
Drop Ports:
Node ID: 1 Location: CRLSCA12
Mapped | HECI | Relay | Total | Spare | Restricted
SNMACYB2RA | 020201.02 | 12 | 4 | 0
SNMACYC2RA | 020201.02 | 12 | 1 | 0
Drop Port Details:
Node ID: 1 Location: CRLSCA12
HECI | Relay | Unit | Usage | Term Loc
Show [L1-L24] Highlight [All Spare] [Single Link] [<--All-->] [L3]
142
144
148
150
110
120
152
L3: Working T3
L13 [Spare]
146
L1
L24
L-3
N1
N2
N3
N4
N5
N6
N7
N8
N10
N11
N12
Drop Port
Miss Match
Pending
Unknown
Hub
Consumed
Restricted
Spare
TIRKS Download Date: 03/15/2000

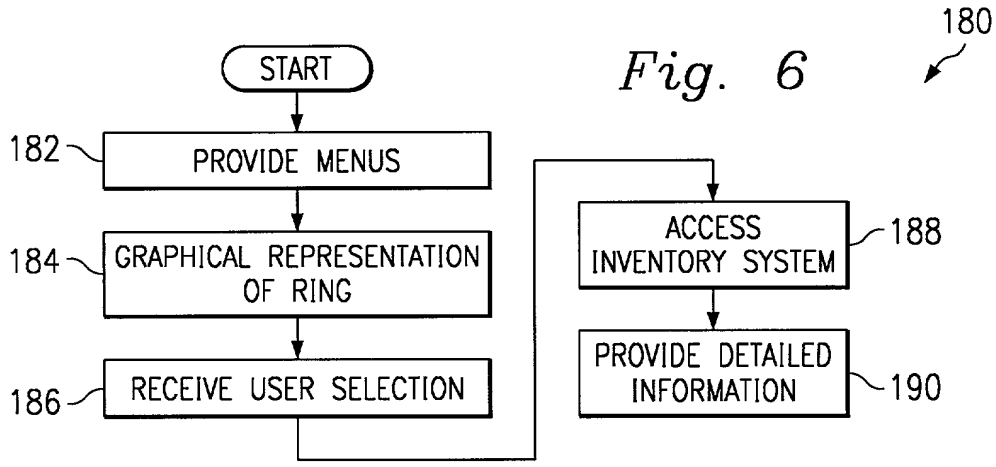

180
START
182
PROVIDE MENUS
184
GRAPHICAL REPRESENTATION OF RING
186
RECEIVE USER SELECTION
ACCESS INVENTORY SYSTEM
188
PROVIDE DETAILED INFORMATION
190

*Fig. 6*

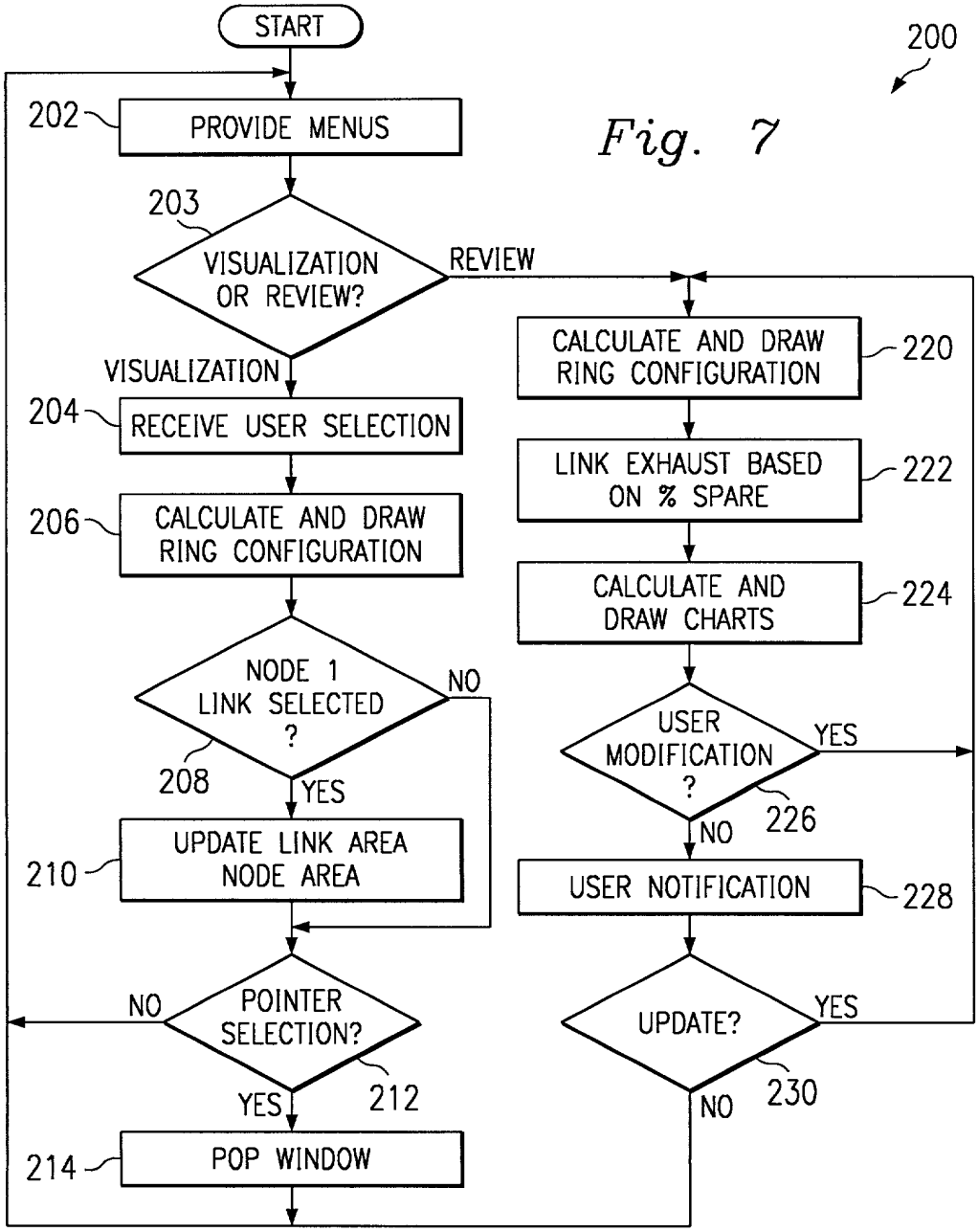

200
START
202
PROVIDE MENUS
203
VISUALIZATION OR REVIEW?
REVIEW
VISUALIZATION
204
RECEIVE USER SELECTION
206
CALCULATE AND DRAW RING CONFIGURATION
NODE 1 LINK SELECTED ?
208
NO
YES
210
UPDATE LINK AREA NODE AREA
POINTER SELECTION?
NO
YES
212
214
POP WINDOW
CALCULATE AND DRAW RING CONFIGURATION
220
LINK EXHAUST BASED ON % SPARE
222
CALCULATE AND DRAW CHARTS
224
USER MODIFICATION ?
YES
NO
226
USER NOTIFICATION
228
UPDATE?
YES
NO
230

*Fig. 7*